

Power Cost Memorandum Fuel Cost Update

Date: December 1, 2022

Utility Name (Cert. No.) CORDOVA ELECTRIC COOPERATIVE, INC. (160)	Utility File No. PC15-0417QQQ	Date Filed: November 7, 2022
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PCE AMOUNT SUMMARY	Previously Calculated PC15-0417PPP	Staff Recommended Amount(s) and Effective Date PC15-0417QQQ
Class Rate	<u>Date Approved:</u> November 4, 2022	December 2, 2022
Residential - First 500/kWh	\$0.1059	\$0.1213
Residential - Over 501/kWh	\$0.1059	\$0.1213
Community Facilities:		
Boat Harbor first 500 kWh	\$0.1059	\$0.1213
Boat Harbor Over 500 kWh	\$0.1059	\$0.1213
General Service 0 to 500 kWh	\$0.1059	\$0.1213
General Service over 500 kWh	\$0.1059	\$0.1213
Large Power 0 to 5,000 kWh	\$0.1059	\$0.1213
Large Power 5,001 to 20,000 kWh	\$0.1059	\$0.1070
Large Power Over 20,000 kWh	\$0.0872	\$0.0872
Street Lights	\$0.1059	\$0.1213
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: <u>\$4.3670</u>	New Fuel Purchase Price: <u>\$5.2201</u>
<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous <u>0.08040</u> Updated <u>0.08040</u>

Signed: Brenda Cox
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 12/1/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Kurber		<u>JWW</u> for KKII JWW		
Doyle		<u>BD</u> BD		
Pickett		<u>BP</u> BP		
Sullivan		<u>DS</u> DS		
Wilson		<u>JWW</u> JWW		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

CORDOVA ELECTRIC COOPERATIVE, INC.

POWER COST EQUALIZATION CALCULATION

BASED ON TEST PERIOD ENDING DECEMBER 31, 2016

Fuel Cost Update

	PC15-0417PPP	PC15-0417QQQ
	Prior Commission Approval	Utility Request Staff Recommended
A. Total kWh Generated	25,143,424	25,143,424
B. Total kWh Sold (Appendix 2)	23,444,126	23,444,126
C. Total Non-Fuel Costs (Appendix 2)	\$5,257,401	\$5,257,401
D. Non-Fuel Cost/kWh (C / B)	\$0.2243	\$0.2243
E. Total Fuel Costs (Appendix 2)	\$1,946,154	\$2,326,338
F. Fuel Costs/kWh (E / B)	\$0.0830	\$0.0992
G. Eligible Costs/kWh (D + F)	\$0.3073	\$0.3235
H. Eligible Cost/kWh (G) less base rate in effect	\$0.1115	\$0.1277
I. Lesser of (H) or 80.42 cents/kWh	\$0.1115	\$0.1277
J. Average Class Rates (Appendix 3)		
Residential - First 500/kWh	\$0.1760	\$0.1361
Residential - Over 501/kWh	\$0.1161	\$0.1361
Community Facilities:		
Boat Harbor first 500 kWh	\$0.2490	\$0.2490
Boat Harbor Over 500 kWh	\$0.2159	\$0.2159
General Service 0 to 500 kWh	\$0.1752	\$0.1752
General Service over 500 kWh	\$0.1376	\$0.1376
Large Power 0 to 5,000 kWh	\$0.1265	\$0.1265
Large Power 5,001 to 20,000 kWh	\$0.1070	\$0.1070
Large Power Over 20,000 kWh	\$0.0872	\$0.0872
Street Lights	\$0.2571	\$0.2571
Class Power Cost Equalization Per kWh Payable		
K. Lesser of: (I) x 95% or (J)		
Residential - First 500/kWh	\$0.1059	\$0.1213
Residential - Over 501/kWh	\$0.1059	\$0.1213
Community Facilities:		
Boat Harbor first 500 kWh	\$0.1059	\$0.1213
Boat Harbor Over 500 kWh	\$0.1059	\$0.1213
General Service 0 to 500 kWh	\$0.1059	\$0.1213
General Service over 500 kWh	\$0.1059	\$0.1213
Large Power 0 to 5,000 kWh	\$0.1059	\$0.1213
Large Power 5,001 to 20,000 kWh	\$0.1059	\$0.1070
Large Power Over 20,000 kWh	\$0.0872	\$0.0872
Street Lights	\$0.1059	\$0.1213
L. Funding Level in Effect	100%	100%
Residential - First 500/kWh	\$0.1059	\$0.1213
Residential - Over 501/kWh	\$0.1059	\$0.1213
Community Facilities:		
Boat Harbor first 500 kWh	\$0.1059	\$0.1213
Boat Harbor Over 500 kWh	\$0.1059	\$0.1213
General Service 0 to 500 kWh	\$0.1059	\$0.1213
General Service over 500 kWh	\$0.1059	\$0.1213
Large Power 0 to 5,000 kWh	\$0.1059	\$0.1213
Large Power 5,001 to 20,000 kWh	\$0.1059	\$0.1070
Large Power Over 20,000 kWh	\$0.0872	\$0.0872
Street Lights	\$0.1059	\$0.1213

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Appendix 1

CORDOVA ELECTRIC COOPERATIVE, INC.

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY

BASED ON TEST PERIOD ENDING DECEMBER 31, 2016

Fuel Cost Update

		PC15-0417PPP	PC15-0417QQQ	
		Prior Commission Approval	Per Utility	Per Staff
Non-Fuel Costs:				
A. Hydraulic Power Generation		734,419	734,419	734,419
B. Other Power Generation		798,864	798,864	798,864
C. Distribution Expenses		695,937	695,937	695,937
D. Consumer Expenses		305,814	305,814	305,814
E. Administrative & General		1,164,204	1,164,204	1,164,204
F. Allowable Fixed Costs		1,531,670	1,531,670	1,531,670
G. Fuel Cartage, Lube Oil & Boiler Fuel		28,024	28,024	28,024
Revenues not related to Operating Exp.				
H.1 Interest Income		0	0	0
H.2 Non-operating Income		(132,843)	(132,843)	(132,843)
Non-operating Expense		131,312	131,312	131,312
Total Non-Fuel Costs		\$5,257,401	\$5,257,401	\$5,257,401
Fuel Costs:				
I. Gallons Consumed for Electric Generation		445,650	445,650	445,650
J. Price of Fuel		4.3670	5.2201	5.2201
K. Total Cost of Fuel		\$1,946,154	\$2,326,338	\$2,326,338
L. Total Sales		23,444,126	23,444,126	23,444,126
M.1 kWh Generated Diesel		5,733,054	5,733,054	5,733,054
M.2 kWh Generated Hydro		19,410,370	19,410,370	19,410,370
M.3 Total kWh Generated		25,143,424	25,143,424	25,143,424
N. Station Service		272,540	272,540	272,540
O. Fuel Efficiency	<u>Standard</u>			
(M.1/I)	≥ 12.0	12.86	12.86	12.86
P. Line Loss	≤ 12%	5.67%	5.67%	5.67%

((kWh generated-(kWh sales+ Station Service))/kWh generated

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Appendix 2

CORDOVA ELECTRIC COOPERATIVE, INC.

Surcharge 0.08040

Calculation of Average Class Rate per kWh

Rate Schedule: 100 Residential

Customer Charge (CC): \$15

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (750 x(4))+ CC	(6) Avg. (\$/kWh) (5)/(750)	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh
500	0.2714	0.08040	0.3518	278.85	0.3718	0.1760
>500	0.2115	0.08040	0.2919	218.93	0.2919	0.0961

750 **0.1361**
TOTAL (A) (E)

Rate Schedule: Boat Harbor

Customer Charge (CC) : \$17.25

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (750x(4))+ CC	(6) Avg. (\$/kWh) (5)/750	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh
500	0.341400	0.08040	0.4218	333.60	0.4448	0.2490
>500	0.308300	0.08040	0.3887	308.78	0.4117	0.2159

TOTAL (A) (E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh

TOTAL (A) (E)

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Appendix 3

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CORDOVA ELECTRIC COOPERATIVE, INC.

Computation of Community Facilities Average Rate

Rate Schedule: 200 General Service

Consumer Charge:

\$23.50

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (CC/500)	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh
0 to 500	0.2593	0.08040	0.3710	0.1752
501 to 9,999,999	0.2217	0.08040	0.3334	0.1376

Rate Schedule: 800 Large Power

Consumer Charge:

\$51.00

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B) +	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh
0 to 5000	0.1739	0.08040	0.3223	0.1265
5,001 to 25,000	0.1544	0.08040	0.3028	0.1070
Over 25,000	0.1346	0.08040	0.2830	0.0872

Rate Schedule: 900 Street Lights

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh
0 to ∞	0.3725	0.08040	0.4529	0.2571

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Appendix 3

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Signature: Janis W. Wilson
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